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↑ ABSTRACT

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions.Starting with a short historical background and the technical advances that begin making Pen Computing a reality, the new paradigms created by Pen Computing will be explained and discussed. Handwriting recognition, mobility and global information access are other central topics. This is followed by a categorization and an overview of current and future systems using pens as their primary user interface component.

↑ CITINGS 10

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↑ INDEX TERMS

Primary Classification:
  H. Information Systems
   ↳ **H.5** INFORMATION INTERFACES AND PRESENTATION (I.7)
     ↳ **H.5.2** User Interfaces (D.2.2, H.1.2, I.3.6)
       ↳ **Subjects:** Input devices and strategies (e.g., mouse, touchscreen)

Additional Classification:
  I. Computing Methodologies
   ↳ **I.5** PATTERN RECOGNITION

General Terms:
Design, Theory

↑ Collaborative Colleagues:
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